

Table I. Training Grant Support Available to Participating Faculty and Departments

List all other training grant support currently held by faculty members and departments participating in this training grant application. If none of the participating faculty or department(s) have other training support, this should be indicated.

Rationale: This information provides insight into the training environment in each preceptor's laboratory, as well as the demands on his or her time to interact with trainees.

Sample Table I

Faculty Member or Department	Funding Source, Grant or Contract, No. and Title	Program Director	Project Period	No. of Positions Pre/Post	Awarded Direct Costs/Yr
Davies, J.	NIH T32DK12345 Training in Molec Biology	Holland, R.	98-02	0/6	\$205,000
George, B.	NIH T32AI32109 Training in Transplant Immunology	Series, H.	99-03	4/5	\$342,000
Department of Medicine	NIHT32HL43213 Training in Lung Health and Med.	Brand, J.	99-03	2/6	\$263,000

Table II. Participating Faculty Members

Sample Table II

Name/ Degree	Rank	Primary (& Secondary) Appointment(s)	Research Interest	Role (% Effort only for Program Director)
Holmes, J., Ph.D.	Prof.	Molecular Biology	Regulation of Vascular K-ATPase	Program Director, 10%
Terry, W., Ph.D.	Prof. & Chr	Biochemistry & Molecular Biophysics	Allograft Rejection	Mentor
Smythe, A., M.D.	Asst.Prof	Pharmacology (Biochemistry)	Cellular Mutagenesis	Mentor
Fisher, J., Ph.D.	Assoc. Prof	Physiology (Pharmacology)	Imaging of Regional Myocardial Perfusion	Mentor

**Table III Current and Pending Research Grant and Contract Support of the Training Faculty
(Alphabetically by Faculty Member)**

Rationale: One component of the overall strength and suitability of the training environment is the pool of active and pending research grant and contract support held by the preceptors.

Sample Table III

Faculty Member	Funding Source, Grant or Contract No., and Title	Awarded Direct Costs per Remaining Years¹	Project Period
Gavett, M.	NIH 5 R01 HL32456 Platelet Factors in CV-04 Blood Flow	-03 \$ 52,378	01/97-12/01
		-04 54,473	
		-05 56,652	
Holmes, J.	American Heart Association Established Investigator Molecular Cloning of Heart K+ Channels	-03 \$ 35,000	07/99-06/03
		-04 35,000	
		-05 35,000	
	NIH 2 R01 HL46789 Regulation of Vascular K-A TPase	-06 \$ 198,250	03/00-02/04
		-07 203,200	
		-08 209,320	
		-09 214,933	
		-10 221,130	
Smythe, A.	NSF PCM 81-27741 Cellular Mutagenesis	-01 \$ 30,500	07/99-06/00
		-02 32,750	
Terry, W.	NIH 1 R01 AI12345 Immunological Reactivity and Allograft Response	-01 \$ 97,150	07/00-06/05 Pending
		-02 101,036	
		-03 105,077	
		-04 84,980	
		-05 88,380	
	Novartis Corporation Regulation of Endothelial Growth and Immunological Suppression of Myocardial Antigens	-04 \$ 80,000	06/99-05/01
		-05 80,000	

¹ Awarded figures for funded grants or contracts, or requested costs for pending applications.

**Table IV. Training Record of Participating Faculty for the Previous Ten Years
(Alphabetically by Faculty Member)**

For each faculty member identified in this application, list all past and current students for whom he or she has served as thesis advisor or sponsor.

If a faculty member has not had predoctoral or postdoctoral students, indicate this.

Rationale: The training experience success of a preceptor can be gauged by the number of previous trainees he or she has sponsored and their subsequent career paths.

Sample Table IV

Faculty Member	Trainee (Predoc/ Postdoc)	Training Period	Institution Date & Type of Degree Awarded¹	Title of Research Project	Current Position or Source of Support²
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Holmes, J.

Past Trainees

Safer, P. (Predoc)	92-96	UCSD, 1990 B.S.	PKC Cardiac Protection	Postdoc Univ. Texas
Spotter, R. (Postdoc)	97-99	Harvard, 1996, Ph.D.	Ca antagonists and preconditioning	Asst. Prof. Yale Univ.

Current Trainees

Browne, A. (Predoc)	97-	U. Tenn 1997, B.A.	Selective inhibition K-ATP-ase	T32HL3244
Witmer, G. (Postdoc)	99-	JHU, 1998 Ph.D.	Oxygen radicals in myocardial protection	F32HL4666

Stuart, G.

Past Trainees

Raney, H. (Postdoc)	95-98	UCSF, 1992 M.D.	Collateral vessel Development and MI	Assoc. Prof. Baylor Coll. Med.
Fillups, L. (Postdoc)	96-99	Boston U. 1992,	Growth factors in coronary vessel	Asst. Prof. Univ. Penn.

MD/PhD

signaling

Current Trainees

none

¹ Prior to entering training

² For former trainees, list current position; for current trainees, list source of support

Table V. Undergraduate and Health Professional School Applicant Pool

Anonymously indicate the credentials and application outcomes of the applicant pool for the most recent year for each participating department and unit.

Rationale: These data can be used to evaluate the size and quality of the applicant pool from which trainees may be selected.

Sample Table V

Year/ Department or Program Applicant ^{1,2,3}	Previous Institution	SAT Score 1600/2400	GPA	Offered Admission (x)	Entered Program (x)	US Citizen(US) Perm Res(PR)
2002/ Molecular Biology Program						
1	U. MI	1350 (1600)	3.70	x	x	US
2*	Stanford	1375 (1600)	3.78	x		
2002/ Department of Pharmacology						
1	U. Texas	1275 (1600)	3.46	x	x	PR
2	U. Penn	1400 (1600)	3.80	x		

¹Applicants may be identified by numbers, rather than by names, to safeguard privacy.

²Provide date for all programs/departments that are relevant to this application.

³Designate applicants who are eligible for training grant support (based on citizenship or permanent residency status) with an asterisk (*).

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Table VI. Assignment of Awarded Trainee Positions

Sample Table VI

Year	Total # Positions Awarded	# Trainees Appointed	# Positions Unfilled*
01	6	2	0
02	6	2	0
03	6	2	0
04	6	2	0
05	6	2	1

* Explain any training positions that were not filled

PROGRESS REPORT (Competing Continuation Applications Only)

Table VII. Training Supported by this Current Grant for the Previous Ten Years

List only trainees supported by this grant. Chronological order is preferred.

Rationale: This table shows the record of past trainees supported by this training grant.

Sample Table VII

Name	Year Entering Program, Prior Institution, Degree at Entry	Support for Each Year of Training	Mentor	Research Topic	Position Upon Leaving Training	Current Position, Institute	Grants Obtained ¹
Ruiz, J.	90; UCSD B.S.	92-96; this grant	Holmes, J.	PKC Cardiac Protection	Med. Student Univ. Texas	Asst. Prof., Baylor	AHA Award '94
Chavez, R.	99; U Tenn; B.A.	00-present this grant	Holmes, J.	Selective Inhibition of K-ATPase	Postdoc Rice Univ.	N/A	N/A
Garcia, M.	00; Miami U., Undergrad	01-present; this grant	Smythe, A.	Cellular Myocyte Mutagenesis	Graduate Student; U of WI	Postdoc UNC	NRSA F32

¹Although information on the funding sources of former trainees is often difficult to obtain, it is extremely useful in assessing the success of the program.

PROGRESS REPORT (Competing Continuation Applications Only)

Table VIII. Trainee Publications for the Previous Ten Years

Rationale: This information supplies one index of the productivity of the program and preceptors.

Sample Table VIII

Trainee	Publications (author, year, title, journal)
Chavez, R.	Chavez, R. and Holmes, J. (1998) "Role of PKC Translocation in Mediating Cardiac Protection", Circulation 97: 303-309
Garcia, M.	Garcia, M., Smythe, A., and Ralston, G. (1998) "Myocardial Mutants of Calmodulin," Nature Medicine 4: 704-709 Garcia, M., Rubins, A., Hager, J., and Smythe, A. (1999) "Calcineurin Interaction with Calmodulin Mutants: regulation by Calcium," Circulation 100: 1-51 (Abstract)